

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA	Low	Med	1A	Continuing Calibration Verification	InstrumentID=V5	Column=DB-624	HeatedPurge=Yes
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		RRF-050 VSTD0505L V5K2052.D 10/21/2008 13:28:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Dichlorodifluoromethane	85	0.6844393	0.564	21.4	0.684	0.564	21.4
Chloromethane	50	0.6807138	0.617	10.3	0.681	0.617	10.3
Vinyl chloride	62	0.5218143	0.463	12.6	0.522	0.463	12.6
Bromomethane	94	0.3998939	0.397	0.8	0.400	0.397	0.8
Chloroethane	64	0.2970385	0.282	5.2	0.297	0.282	5.2
Trichlorofluoromethane	101	0.8030463	0.703	14.2	0.803	0.703	14.2
1,1-Dichloroethene	96	0.4348202	0.397	9.4	0.435	0.397	9.4
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.5051381	0.430	17.4	0.505	0.430	17.4
Acetone	43	0.1702613	0.163	4.3	0.170	0.163	4.3
Carbon disulfide	76	1.4316756	1.314	9.0	1.432	1.314	9.0
Methyl acetate	43	0.3034751	0.372	-18.4	0.303	0.372	-18.4
Methylene chloride	84	0.4618577	0.497	-7.1	0.462	0.497	-7.1
trans-1,2-Dichloroethene	96	0.4434434	0.426	4.1	0.443	0.426	4.1
Methyl tert-butyl ether	73	1.0550953	1.115	-5.4	1.055	1.115	-5.4
1,1-Dichloroethane	63	0.8406352	0.822	2.2	0.841	0.822	2.2
cis-1,2-Dichloroethene	96	0.4530976	0.432	4.8	0.453	0.432	4.8
2-Butanone	43	0.2212161	0.250	-11.5	0.221	0.250	-11.5
Bromochloromethane	128	0.1922201	0.203	-5.2	0.192	0.203	-5.2
Chloroform	83	0.8167453	0.822	-0.6	0.817	0.822	-0.6
1,1,1-Trichloroethane	97	0.7438264	0.664	12.0	0.744	0.664	12.0
Cyclohexane	56	0.7900602	0.634	24.6	0.790	0.634	24.6
Carbon tetrachloride	117	0.6141272	0.540	13.7	0.614	0.540	13.7
Benzene	78	1.8879606	1.743	8.3	1.888	1.743	8.3
1,2-Dichloroethane	62	0.6124502	0.658	-6.9	0.612	0.658	-6.9
1,4-Dioxane	88	0.0043578	0.005	-19.4	0.004	0.005	-19.4

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VOA	Low	Med	1A	Continuing Calibration Verification	InstrumentID=V5	Column=DB-624	HeatedPurge=Yes
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		RRF-050 VSTD0505M V5K2075.D 10/22/2008 01:04:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Dichlorodifluoromethane	85	0.6776236	0.564	20.2	0.678	0.564	20.2
Chloromethane	50	0.6645382	0.617	7.7	0.665	0.617	7.7
Vinyl chloride	62	0.5092411	0.463	9.9	0.509	0.463	9.9
Bromomethane	94	0.4013722	0.397	1.2	0.401	0.397	1.2
Chloroethane	64	0.2951025	0.282	4.6	0.295	0.282	4.6
Trichlorofluoromethane	101	0.8143019	0.703	15.8	0.814	0.703	15.8
1,1-Dichloroethene	96	0.4287172	0.397	7.9	0.429	0.397	7.9
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.4749788	0.430	10.4	0.475	0.430	10.4
Acetone	43	0.1635588	0.163	0.2	0.164	0.163	0.2
Carbon disulfide	76	1.4593579	1.314	11.1	1.459	1.314	11.1
Methyl acetate	43	0.2502228	0.372	-32.7	0.250	0.372	-32.7
Methylene chloride	84	0.4640955	0.497	-6.6	0.464	0.497	-6.6
trans-1,2-Dichloroethene	96	0.4290805	0.426	0.7	0.429	0.426	0.7
Methyl tert-butyl ether	73	0.8556143	1.115	-23.3	0.856	1.115	-23.3
1,1-Dichloroethane	63	0.8220786	0.822	0.0	0.822	0.822	-0.0
cis-1,2-Dichloroethene	96	0.4331664	0.432	0.2	0.433	0.432	0.2
2-Butanone	43	0.1957519	0.250	-21.7	0.196	0.250	-21.7
Bromochloromethane	128	0.1812714	0.203	-10.6	0.181	0.203	-10.6
Chloroform	83	0.8224775	0.822	0.1	0.822	0.822	0.1
1,1,1-Trichloroethane	97	0.6949263	0.664	4.7	0.695	0.664	4.7
Cyclohexane	56	0.7099728	0.634	11.9	0.710	0.634	11.9
Carbon tetrachloride	117	0.5991648	0.540	10.9	0.599	0.540	10.9
Benzene	78	1.7648085	1.743	1.2	1.765	1.743	1.2
1,2-Dichloroethane	62	0.6016688	0.658	-8.5	0.602	0.658	-8.5
1,4-Dioxane	88	0.0035809	0.005	-33.8	0.004	0.005	-33.8

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14:43 Tue, Oct 28, 2008

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Continuing Calibration Data Summary

VOA	Low	Med	1A	Continuing Calibration Verification	InstrumentID=V5	Column=DB-624	HeatedPurge=Yes
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		RRF-050 VSTD0505S V5K2131.D 10/22/2008 22:07:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Dichlorodifluoromethane	85	0.5406289	0.564	-4.1	0.541	0.564	-4.1
Chloromethane	50	0.5903587	0.617	-4.3	0.590	0.617	-4.3
Vinyl chloride	62	0.3779607	0.463	-18.4	0.378	0.463	-18.4
Bromomethane	94	0.3710498	0.397	-6.4	0.371	0.397	-6.4
Chloroethane	64	0.2367096	0.282	-16.1	0.237	0.282	-16.1
Trichlorofluoromethane	101	0.7200924	0.703	2.4	0.720	0.703	2.4
1,1-Dichloroethene	96	0.3700391	0.397	-6.9	0.370	0.397	-6.9
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.4186546	0.430	-2.7	0.419	0.430	-2.7
Acetone	43	0.1343591	0.163	-17.7	0.134	0.163	-17.7
Carbon disulfide	76	1.2878782	1.314	-2.0	1.288	1.314	-2.0
Methyl acetate	43	0.3094423	0.372	-16.8	0.309	0.372	-16.8
Methylene chloride	84	0.4563711	0.497	-8.2	0.456	0.497	-8.2
trans-1,2-Dichloroethene	96	0.4092396	0.426	-4.0	0.409	0.426	-4.0
Methyl tert-butyl ether	73	1.0309037	1.115	-7.6	1.031	1.115	-7.6
1,1-Dichloroethane	63	0.7977429	0.822	-3.0	0.798	0.822	-3.0
cis-1,2-Dichloroethene	96	0.4194862	0.432	-3.0	0.419	0.432	-3.0
2-Butanone	43	0.2197992	0.250	-12.1	0.220	0.250	-12.1
Bromochloromethane	128	0.188639	0.203	-7.0	0.189	0.203	-7.0
Chloroform	83	0.7994928	0.822	-2.7	0.799	0.822	-2.7
1,1,1-Trichloroethane	97	0.6933982	0.664	4.4	0.693	0.664	4.4
Cyclohexane	56	0.6557902	0.634	3.4	0.656	0.634	3.4
Carbon tetrachloride	117	0.5692276	0.540	5.4	0.569	0.540	5.4
Benzene	78	1.7018508	1.743	-2.4	1.702	1.743	-2.4
1,2-Dichloroethane	62	0.6462452	0.658	-1.8	0.646	0.658	-1.8
1,4-Dioxane	88	0.0039002	0.005	-27.9	0.004	0.005	-27.9

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14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation)	SDG Y4FQ2	Case 37947	Contract EPW05030	Region 9	DDTID 65386	SOW SOM01.2
<i>Continuing Calibration Data Summary</i>						
VOA Low Med 1A	Continuing Calibration Verification		InstrumentID=V5	Column=DB-624	HeatedPurge=Yes	

Compound	Peak ID	RRF-050 VSTD0505T V5K2155.D 10/23/2008 09:23:00		NFG Calculated			
		Lab RRF	Avg RRF	% D	RRF	Avg RRF	%D
Dichlorodifluoromethane	85	0.7621056	0.564	35.1	0.762	0.564	35.1
Chloromethane	50	0.8357228	0.617	35.4	0.836	0.617	35.4
Vinyl chloride	62	0.5935546	0.463	28.1	0.594	0.463	28.1
Bromomethane	94	0.4982737	0.397	25.6	0.498	0.397	25.6
Chloroethane	64	0.3762189	0.282	33.3	0.376	0.282	33.3
Trichlorofluoromethane	101	1.0170558	0.703	44.6	1.017	0.703	44.6
1,1-Dichloroethene	96	0.5072624	0.397	27.6	0.507	0.397	27.6
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.6024625	0.430	40.1	0.602	0.430	40.1
Acetone	43	0.2187858	0.163	34.0	0.219	0.163	34.0
Carbon disulfide	76	1.7768727	1.314	35.3	1.777	1.314	35.3
Methyl acetate	43	0.3582349	0.372	-3.7	0.358	0.372	-3.7
Methylene chloride	84	0.5765665	0.497	16.0	0.577	0.497	16.0
trans-1,2-Dichloroethene	96	0.5211428	0.426	22.3	0.521	0.426	22.3
Methyl tert-butyl ether	73	1.0620232	1.115	-4.8	1.062	1.115	-4.8
1,1-Dichloroethane	63	1.0078902	0.822	22.6	1.008	0.822	22.6
cis-1,2-Dichloroethene	96	0.5163035	0.432	19.4	0.516	0.432	19.4
2-Butanone	43	0.2250065	0.250	-10.0	0.225	0.250	-10.0
Bromochloromethane	128	0.2235488	0.203	10.2	0.224	0.203	10.2
Chloroform	83	1.0207225	0.822	24.2	1.021	0.822	24.2
1,1,1-Trichloroethane	97	0.8245422	0.664	24.2	0.825	0.664	24.2
Cyclohexane	56	0.7884519	0.634	24.3	0.788	0.634	24.3
Carbon tetrachloride	117	0.7018172	0.540	29.9	0.702	0.540	29.9
Benzene	78	2.0014224	1.743	14.8	2.001	1.743	14.8
1,2-Dichloroethane	62	0.7843982	0.658	19.3	0.784	0.658	19.3
1,4-Dioxane	88	0.0047435	0.005	-12.3	0.005	0.005	-12.3

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14:43 Tue, Oct 28, 2008

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Continuing Calibration Data Summary

VOA Low Med 1A Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD050K5 V5K2027.D 10/21/2008 01:45:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Dichlorodifluoromethane	85	0.5706051	0.564	1.2	0.571	0.564	1.2
Chloromethane	50	0.6112144	0.617	-1.0	0.611	0.617	-1.0
Vinyl chloride	62	0.4353265	0.463	-6.1	0.435	0.463	-6.1
Bromomethane	94	0.3813319	0.397	-3.8	0.381	0.397	-3.8
Chloroethane	64	0.2798573	0.282	-0.8	0.280	0.282	-0.8
Trichlorofluoromethane	101	0.6755744	0.703	-4.0	0.676	0.703	-4.0
1,1-Dichloroethene	96	0.3833837	0.397	-3.5	0.383	0.397	-3.5
1,1,2-Trichloro-1,2,2-trifluoroethane	101	0.3983717	0.430	-7.4	0.398	0.430	-7.4
Acetone	43	0.1453031	0.163	-11.0	0.145	0.163	-11.0
Carbon disulfide	76	1.3005592	1.314	-1.0	1.301	1.314	-1.0
Methyl acetate	43	0.3445491	0.372	-7.4	0.345	0.372	-7.4
Methylene chloride	84	0.4788369	0.497	-3.7	0.479	0.497	-3.7
trans-1,2-Dichloroethene	96	0.4136595	0.426	-2.9	0.414	0.426	-2.9
Methyl tert-butyl ether	73	1.1906781	1.115	6.8	1.191	1.115	6.8
1,1-Dichloroethane	63	0.8127664	0.822	-1.2	0.813	0.822	-1.2
cis-1,2-Dichloroethene	96	0.4541197	0.432	5.0	0.454	0.432	5.0
2-Butanone	43	0.2608259	0.250	4.4	0.261	0.250	4.4
Bromochloromethane	128	0.2016341	0.203	-0.6	0.202	0.203	-0.6
Chloroform	83	0.8002639	0.822	-2.6	0.800	0.822	-2.6
1,1,1-Trichloroethane	97	0.6615635	0.664	-0.4	0.662	0.664	-0.4
Cyclohexane	56	0.6597032	0.634	4.0	0.660	0.634	4.0
Carbon tetrachloride	117	0.5401503	0.540	0.0	0.540	0.540	0.0
Benzene	78	1.7687036	1.743	1.5	1.769	1.743	1.5
1,2-Dichloroethane	62	0.6290655	0.658	-4.4	0.629	0.658	-4.4
1,4-Dioxane	88	0.0059923	0.005	10.8	0.006	0.005	10.8

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA Low Med 1B Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505L V5K2052.D 10/21/2008 13:28:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Trichloroethene	95	0.4605389	0.414	11.4	0.461	0.414	11.4
Methylcyclohexane	83	0.7473849	0.610	22.5	0.747	0.610	22.5
1,2-Dichloropropane	63	0.5277148	0.526	0.2	0.528	0.526	0.2
Bromodichloromethane	83	0.7203625	0.726	-0.7	0.720	0.726	-0.7
cis-1,3-Dichloropropene	75	0.83068	0.801	3.7	0.831	0.801	3.7
4-Methyl-2-pentanone	43	0.4903943	0.529	-7.3	0.490	0.529	-7.3
Toluene	91	1.8068501	1.608	12.4	1.807	1.608	12.4
trans-1,3-Dichloropropene	75	0.7569682	0.698	8.4	0.757	0.698	8.4
1,1,2-Trichloroethane	97	0.373809	0.410	-8.9	0.374	0.410	-8.9
Tetrachloroethene	164	0.3463992	0.295	17.5	0.346	0.295	17.5
2-Hexanone	43	0.3689304	0.376	-1.9	0.369	0.376	-1.9
Dibromochloromethane	129	0.4195639	0.444	-5.4	0.420	0.444	-5.4
1,2-Dibromoethane	107	0.3969645	0.421	-5.8	0.397	0.421	-5.8
Chlorobenzene	112	1.1335125	1.092	3.8	1.134	1.092	3.8
Ethylbenzene	91	2.0007713	1.694	18.1	2.001	1.694	18.1
o-Xylene	106	0.7326074	0.615	19.1	0.733	0.615	19.1
m,p-Xylene	106	0.733124	0.627	16.9	0.733	0.627	16.9
Styrene	104	1.1469125	0.981	16.9	1.147	0.981	16.9
Bromoform	173	0.5443199	0.577	-5.7	0.544	0.577	-5.7
Isopropylbenzene	105	1.8601561	1.469	26.7	1.860	1.469	26.7
1,1,2,2-Tetrachloroethane	83	0.4746528	0.541	-12.3	0.475	0.541	-12.3
1,3-Dichlorobenzene	146	1.4950819	1.334	12.1	1.495	1.334	12.1
1,4-Dichlorobenzene	146	1.6910671	1.669	1.3	1.691	1.669	1.3
1,2-Dichlorobenzene	146	1.4898243	1.476	0.9	1.490	1.476	0.9
1,2-Dibromo-3-chloropropane	75	0.1368718	0.164	-16.8	0.137	0.164	-16.8

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

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Continuing Calibration Data Summary

VOA	Low	Med	1B	Continuing_Calibration_Verification	InstrumentID=V5	Column=DB-624	HeatedPurge=Yes
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		RRF-050 VSTD0505L V5K2052.D 10/21/2008 13:28:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
1,2,4-Trichlorobenzene	180	1.1523567	1.058	8.9	1.152	1.058	8.9
1,2,3-Trichlorobenzene	180	1.0682208	1.077	-0.8	1.068	1.077	-0.8

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

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Continuing Calibration Data Summary

VOA Low Med 1B Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505M V5K2075.D 10/22/2008 01:04:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Trichloroethene	95	0.4184393	0.414	1.2	0.418	0.414	1.2
Methylcyclohexane	83	0.6749808	0.610	10.7	0.675	0.610	10.7
1,2-Dichloropropane	63	0.4911305	0.526	-6.7	0.491	0.526	-6.7
Bromodichloromethane	83	0.6703206	0.726	-7.6	0.670	0.726	-7.6
cis-1,3-Dichloropropene	75	0.7528765	0.801	-6.1	0.753	0.801	-6.1
4-Methyl-2-pentanone	43	0.3440703	0.529	-35.0	0.344	0.529	-35.0
Toluene	91	1.6985726	1.608	5.7	1.699	1.608	5.7
trans-1,3-Dichloropropene	75	0.6439634	0.698	-7.8	0.644	0.698	-7.8
1,1,2-Trichloroethane	97	0.3247824	0.410	-20.8	0.325	0.410	-20.8
Tetrachloroethene	164	0.3282167	0.295	11.3	0.328	0.295	11.3
2-Hexanone	43	0.2917112	0.376	-22.4	0.292	0.376	-22.4
Dibromochloromethane	129	0.3746421	0.444	-15.5	0.375	0.444	-15.5
1,2-Dibromoethane	107	0.336409	0.421	-20.2	0.336	0.421	-20.2
Chlorobenzene	112	1.0613721	1.092	-2.8	1.061	1.092	-2.8
Ethylbenzene	91	1.8933349	1.694	11.8	1.893	1.694	11.8
o-Xylene	106	0.6693586	0.615	8.8	0.669	0.615	8.8
m,p-Xylene	106	0.6827699	0.627	8.9	0.683	0.627	8.9
Styrene	104	1.0359685	0.981	5.6	1.036	0.981	5.6
Bromoform	173	0.4796154	0.577	-16.9	0.480	0.577	-16.9
Isopropylbenzene	105	1.765571	1.469	20.2	1.766	1.469	20.2
1,1,2,2-Tetrachloroethane	83	0.4016663	0.541	-25.8	0.402	0.541	-25.8
1,3-Dichlorobenzene	146	1.3975303	1.334	4.8	1.398	1.334	4.8
1,4-Dichlorobenzene	146	1.5931399	1.669	-4.5	1.593	1.669	-4.5
1,2-Dichlorobenzene	146	1.411668	1.476	-4.4	1.412	1.476	-4.4
1,2-Dibromo-3-chloropropane	75	0.10896	0.164	-33.8	0.109	0.164	-33.8

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) **SDG** Y4FQ2 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 65386 **SOW** SOM01.2

Continuing Calibration Data Summary

VOA	Low	Med	1B	Continuing_Calibration_Verification	InstrumentID=V5	Column=DB-624	HeatedPurge=Yes
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		RRF-050 VSTD0505M V5K2075.D 10/22/2008 01:04:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
1,2,4-Trichlorobenzene	180	1.0879691	1.058	2.8	1.088	1.058	2.8
1,2,3-Trichlorobenzene	180	0.9648414	1.077	-10.4	0.965	1.077	-10.4

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA Low Med 1B Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505S V5K2131.D 10/22/2008 22:07:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Trichloroethene	95	0.4078464	0.414	-1.4	0.408	0.414	-1.4
Methylcyclohexane	83	0.646734	0.610	6.0	0.647	0.610	6.0
1,2-Dichloropropane	63	0.5026294	0.526	-4.5	0.503	0.526	-4.5
Bromodichloromethane	83	0.710933	0.726	-2.0	0.711	0.726	-2.0
cis-1,3-Dichloropropene	75	0.7651096	0.801	-4.5	0.765	0.801	-4.5
4-Methyl-2-pentanone	43	0.471229	0.529	-10.9	0.471	0.529	-10.9
Toluene	91	1.5978292	1.608	-0.6	1.598	1.608	-0.6
trans-1,3-Dichloropropene	75	0.7108049	0.698	1.8	0.711	0.698	1.8
1,1,2-Trichloroethane	97	0.3625089	0.410	-11.6	0.363	0.410	-11.6
Tetrachloroethene	164	0.3043872	0.295	3.2	0.304	0.295	3.2
2-Hexanone	43	0.3550551	0.376	-5.6	0.355	0.376	-5.6
Dibromochloromethane	129	0.4279781	0.444	-3.5	0.428	0.444	-3.5
1,2-Dibromoethane	107	0.3921875	0.421	-6.9	0.392	0.421	-6.9
Chlorobenzene	112	1.0596307	1.092	-3.0	1.060	1.092	-3.0
Ethylbenzene	91	1.8346346	1.694	8.3	1.835	1.694	8.3
o-Xylene	106	0.6646076	0.615	8.0	0.665	0.615	8.0
m,p-Xylene	106	0.6780454	0.627	8.1	0.678	0.627	8.1
Styrene	104	1.0705021	0.981	9.1	1.071	0.981	9.1
Bromoform	173	0.5621522	0.577	-2.7	0.562	0.577	-2.7
Isopropylbenzene	105	1.6658105	1.469	13.4	1.666	1.469	13.4
1,1,2,2-Tetrachloroethane	83	0.4818594	0.541	-11.0	0.482	0.541	-11.0
1,3-Dichlorobenzene	146	1.434725	1.334	7.5	1.435	1.334	7.5
1,4-Dichlorobenzene	146	1.6191593	1.669	-3.0	1.619	1.669	-3.0
1,2-Dichlorobenzene	146	1.521466	1.476	3.1	1.521	1.476	3.1
1,2-Dibromo-3-chloropropane	75	0.1503293	0.164	-8.6	0.150	0.164	-8.6

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) **SDG** Y4FQ2 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 65386 **SOW** SOM01.2

Continuing Calibration Data Summary

VOA	Low	Med	1B	Continuing_Calibration_Verification	InstrumentID=V5	Column=DB-624	HeatedPurge=Yes
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		RRF-050 VSTD0505S V5K2131.D 10/22/2008 22:07:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
1,2,4-Trichlorobenzene	180	1.0977917	1.058	3.7	1.098	1.058	3.7
1,2,3-Trichlorobenzene	180	1.0528195	1.077	-2.2	1.053	1.077	-2.2

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA Low Med 1B Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505T V5K2155.D 10/23/2008 09:23:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Trichloroethene	95	0.4874033	0.414	17.9	0.487	0.414	17.9
Methylcyclohexane	83	0.7739652	0.610	26.9	0.774	0.610	26.9
1,2-Dichloropropane	63	0.5784308	0.526	9.9	0.578	0.526	9.9
Bromodichloromethane	83	0.7953948	0.726	9.6	0.795	0.726	9.6
cis-1,3-Dichloropropene	75	0.8959617	0.801	11.8	0.896	0.801	11.8
4-Methyl-2-pentanone	43	0.4456743	0.529	-15.8	0.446	0.529	-15.8
Toluene	91	1.9451023	1.608	21.0	1.945	1.608	21.0
trans-1,3-Dichloropropene	75	0.8279069	0.698	18.6	0.828	0.698	18.6
1,1,2-Trichloroethane	97	0.4062704	0.410	-1.0	0.406	0.410	-1.0
Tetrachloroethene	164	0.3676949	0.295	24.7	0.368	0.295	24.7
2-Hexanone	43	0.3441815	0.376	-8.5	0.344	0.376	-8.5
Dibromochloromethane	129	0.4571421	0.444	3.1	0.457	0.444	3.1
1,2-Dibromoethane	107	0.4048526	0.421	-3.9	0.405	0.421	-3.9
Chlorobenzene	112	1.2349825	1.092	13.1	1.235	1.092	13.1
Ethylbenzene	91	2.2138616	1.694	30.7	2.214	1.694	30.7
o-Xylene	106	0.8171817	0.615	32.9	0.817	0.615	32.9
m,p-Xylene	106	0.8192724	0.627	30.7	0.819	0.627	30.7
Styrene	104	1.2741799	0.981	29.9	1.274	0.981	29.9
Bromoform	173	0.537121	0.577	-7.0	0.537	0.577	-7.0
Isopropylbenzene	105	2.0500154	1.469	39.6	2.050	1.469	39.6
1,1,2,2-Tetrachloroethane	83	0.5117335	0.541	-5.4	0.512	0.541	-5.4
1,3-Dichlorobenzene	146	1.5869984	1.334	19.0	1.587	1.334	19.0
1,4-Dichlorobenzene	146	1.8780878	1.669	12.5	1.878	1.669	12.5
1,2-Dichlorobenzene	146	1.6776635	1.476	13.7	1.678	1.476	13.7
1,2-Dibromo-3-chloropropane	75	0.1333084	0.164	-19.0	0.133	0.164	-19.0

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) **SDG** Y4FQ2 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 65386 **SOW** SOM01.2

Continuing Calibration Data Summary

VOA	Low	Med	1B	Continuing_Calibration_Verification	InstrumentID=V5	Column=DB-624	HeatedPurge=Yes
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		RRF-050 VSTD0505T V5K2155.D 10/23/2008 09:23:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
1,2,4-Trichlorobenzene	180	1.2075683	1.058	14.1	1.208	1.058	14.1
1,2,3-Trichlorobenzene	180	1.0900659	1.077	1.3	1.090	1.077	1.3

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA Low Med 1B Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD050K5 V5K2027.D 10/21/2008 01:45:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Trichloroethene	95	0.4230439	0.414	2.3	0.423	0.414	2.3
Methylcyclohexane	83	0.6200202	0.610	1.7	0.620	0.610	1.7
1,2-Dichloropropane	63	0.5292672	0.526	0.5	0.529	0.526	0.5
Bromodichloromethane	83	0.7401896	0.726	2.0	0.740	0.726	2.0
cis-1,3-Dichloropropene	75	0.8317289	0.801	3.8	0.832	0.801	3.8
4-Methyl-2-pentanone	43	0.5780337	0.529	9.2	0.578	0.529	9.2
Toluene	91	1.7096938	1.608	6.3	1.710	1.608	6.3
trans-1,3-Dichloropropene	75	0.7689163	0.698	10.1	0.769	0.698	10.1
1,1,2-Trichloroethane	97	0.409398	0.410	-0.2	0.409	0.410	-0.2
Tetrachloroethene	164	0.3072527	0.295	4.2	0.307	0.295	4.2
2-Hexanone	43	0.4305941	0.376	14.5	0.431	0.376	14.5
Dibromochloromethane	129	0.4617225	0.444	4.1	0.462	0.444	4.1
1,2-Dibromoethane	107	0.4394328	0.421	4.3	0.439	0.421	4.3
Chlorobenzene	112	1.1297551	1.092	3.4	1.130	1.092	3.4
Ethylbenzene	91	1.8823968	1.694	11.1	1.882	1.694	11.1
o-Xylene	106	0.7007979	0.615	13.9	0.701	0.615	13.9
m,p-Xylene	106	0.700973	0.627	11.8	0.701	0.627	11.8
Styrene	104	1.1193206	0.981	14.1	1.119	0.981	14.1
Bromoform	173	0.643968	0.577	11.5	0.644	0.577	11.5
Isopropylbenzene	105	1.7151907	1.469	16.8	1.715	1.469	16.8
1,1,2,2-Tetrachloroethane	83	0.5465658	0.541	1.0	0.547	0.541	1.0
1,3-Dichlorobenzene	146	1.5225565	1.334	14.1	1.523	1.334	14.1
1,4-Dichlorobenzene	146	1.6663799	1.669	-0.1	1.666	1.669	-0.1
1,2-Dichlorobenzene	146	1.6224639	1.476	9.9	1.622	1.476	9.9
1,2-Dibromo-3-chloropropane	75	0.1796979	0.164	9.2	0.180	0.164	9.2

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) **SDG** Y4FQ2 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 65386 **SOW** SOM01.2

Continuing Calibration Data Summary

VOA	Low	Med	1B	Continuing_Calibration_Verification	InstrumentID=V5	Column=DB-624	HeatedPurge=Yes
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		RRF-050 VSTD050K5 V5K2027.D 10/21/2008 01:45:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
1,2,4-Trichlorobenzene	180	1.2474424	1.058	17.9	1.247	1.058	17.9
1,2,3-Trichlorobenzene	180	1.2264287	1.077	13.9	1.226	1.077	13.9

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA Low Med 6C Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505L V5K2052.D 10/21/2008 13:28:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Vinyl chloride-d3	65	0.5656162	0.498	13.6	0.566	0.498	13.6
Chloroethane-d5	69	0.4207456	0.403	4.4	0.421	0.403	4.4
1,1-Dichloroethene-d2	100	0.1697504	0.145	16.9	0.170	0.145	16.9
2-Butanone-d5	46	0.2381623	0.264	-9.7	0.238	0.264	-9.7
Chloroform-d	84	0.8055827	0.836	-3.6	0.806	0.836	-3.6
1,2-Dichloroethane-d4	65	0.4896676	0.511	-4.1	0.490	0.511	-4.1
Benzene-d6	84	1.721826	1.631	5.5	1.722	1.631	5.5
1,2-Dichloropropane-d6	67	0.5008376	0.506	-1.1	0.501	0.506	-1.1
Toluene-d8	98	1.3835519	1.228	12.7	1.384	1.228	12.7
trans-1,3-Dichloropropene-d4	79	0.5467306	0.531	2.9	0.547	0.531	2.9
2-Hexanone-d5	63	0.1952278	0.198	-1.6	0.195	0.198	-1.6
1,4-Dioxane-d8	96	0.0040841	0.005	-9.4	0.004	0.005	-9.4
1,1,2,2-Tetrachloroethane-d2	84	0.4485988	0.533	-15.8	0.449	0.533	-15.8
1,2-Dichlorobenzene-d4	152	0.8511057	0.857	-0.6	0.851	0.857	-0.6

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA Low Med 6C Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505M V5K2075.D 10/22/2008 01:04:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Vinyl chloride-d3	65	0.6214524	0.498	24.8	0.621	0.498	24.8
Chloroethane-d5	69	0.4668819	0.403	15.9	0.467	0.403	15.9
1,1-Dichloroethene-d2	100	0.1664688	0.145	14.6	0.166	0.145	14.6
2-Butanone-d5	46	0.1913579	0.264	-27.4	0.191	0.264	-27.4
Chloroform-d	84	0.9182646	0.836	9.8	0.918	0.836	9.8
1,2-Dichloroethane-d4	65	0.4914705	0.511	-3.7	0.491	0.511	-3.7
Benzene-d6	84	1.7951819	1.631	10.0	1.795	1.631	10.0
1,2-Dichloropropane-d6	67	0.5069456	0.506	0.1	0.507	0.506	0.1
Toluene-d8	98	1.4356922	1.228	16.9	1.436	1.228	16.9
trans-1,3-Dichloropropene-d4	79	0.5407513	0.531	1.8	0.541	0.531	1.8
2-Hexanone-d5	63	0.1522231	0.198	-23.3	0.152	0.198	-23.3
1,4-Dioxane-d8	96	0.0039745	0.005	-11.8	0.004	0.005	-11.8
1,1,2,2-Tetrachloroethane-d2	84	0.4244001	0.533	-20.3	0.424	0.533	-20.3
1,2-Dichlorobenzene-d4	152	0.8881407	0.857	3.7	0.888	0.857	3.7

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA Low Med 6C Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505S V5K2131.D 10/22/2008 22:07:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Vinyl chloride-d3	65	0.4864715	0.498	-2.3	0.486	0.498	-2.3
Chloroethane-d5	69	0.337923	0.403	-16.1	0.338	0.403	-16.1
1,1-Dichloroethene-d2	100	0.1369462	0.145	-5.7	0.137	0.145	-5.7
2-Butanone-d5	46	0.2400613	0.264	-8.9	0.240	0.264	-8.9
Chloroform-d	84	0.8371433	0.836	0.1	0.837	0.836	0.1
1,2-Dichloroethane-d4	65	0.5398991	0.511	5.7	0.540	0.511	5.7
Benzene-d6	84	1.6053482	1.631	-1.6	1.605	1.631	-1.6
1,2-Dichloropropane-d6	67	0.4856634	0.506	-4.1	0.486	0.506	-4.1
Toluene-d8	98	1.2775812	1.228	4.0	1.278	1.228	4.0
trans-1,3-Dichloropropene-d4	79	0.5484706	0.531	3.2	0.548	0.531	3.2
2-Hexanone-d5	63	0.194018	0.198	-2.2	0.194	0.198	-2.2
1,4-Dioxane-d8	96	0.0044067	0.005	-2.2	0.004	0.005	-2.2
1,1,2,2-Tetrachloroethane-d2	84	0.4961634	0.533	-6.8	0.496	0.533	-6.8
1,2-Dichlorobenzene-d4	152	0.8954616	0.857	4.5	0.895	0.857	4.5

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA Low Med 6C Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505T V5K2155.D 10/23/2008 09:23:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Vinyl chloride-d3	65	0.5391792	0.498	8.3	0.539	0.498	8.3
Chloroethane-d5	69	0.4593467	0.403	14.0	0.459	0.403	14.0
1,1-Dichloroethene-d2	100	0.1721106	0.145	18.5	0.172	0.145	18.5
2-Butanone-d5	46	0.2208812	0.264	-16.2	0.221	0.264	-16.2
Chloroform-d	84	0.9015962	0.836	7.8	0.902	0.836	7.8
1,2-Dichloroethane-d4	65	0.521335	0.511	2.1	0.521	0.511	2.1
Benzene-d6	84	1.5410271	1.631	-5.5	1.541	1.631	-5.5
1,2-Dichloropropane-d6	67	0.4653983	0.506	-8.1	0.465	0.506	-8.1
Toluene-d8	98	1.2419439	1.228	1.1	1.242	1.228	1.1
trans-1,3-Dichloropropene-d4	79	0.5084361	0.531	-4.3	0.508	0.531	-4.3
2-Hexanone-d5	63	0.1717427	0.198	-13.4	0.172	0.198	-13.4
1,4-Dioxane-d8	96	0.0041751	0.005	-7.4	0.004	0.005	-7.4
1,1,2,2-Tetrachloroethane-d2	84	0.4666537	0.533	-12.4	0.467	0.533	-12.4
1,2-Dichlorobenzene-d4	152	0.8138727	0.857	-5.0	0.814	0.857	-5.0

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4FQ2 Case 37947 Contract EPW05030 Region 9 DDTID 65386 SOW SOM01.2

Continuing Calibration Data Summary

VOA Low Med 6C Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD050K5 V5K2027.D 10/21/2008 01:45:00					
		Lab		NFG Calculated			
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Vinyl chloride-d3	65	0.4327222	0.498	-13.1	0.433	0.498	-13.1
Chloroethane-d5	69	0.3580759	0.403	-11.1	0.358	0.403	-11.1
1,1-Dichloroethene-d2	100	0.1259193	0.145	-13.3	0.126	0.145	-13.3
2-Butanone-d5	46	0.2817272	0.264	6.9	0.282	0.264	6.9
Chloroform-d	84	0.7476225	0.836	-10.6	0.748	0.836	-10.6
1,2-Dichloroethane-d4	65	0.4914733	0.511	-3.7	0.491	0.511	-3.7
Benzene-d6	84	1.4686687	1.631	-10.0	1.469	1.631	-10.0
1,2-Dichloropropane-d6	67	0.4698375	0.506	-7.2	0.470	0.506	-7.2
Toluene-d8	98	1.1681871	1.228	-4.9	1.168	1.228	-4.9
trans-1,3-Dichloropropene-d4	79	0.543585	0.531	2.3	0.544	0.531	2.3
2-Hexanone-d5	63	0.2267377	0.198	14.3	0.227	0.198	14.3
1,4-Dioxane-d8	96	0.0055167	0.005	22.4	0.006	0.005	22.4
1,1,2,2-Tetrachloroethane-d2	84	0.5205786	0.533	-2.3	0.521	0.533	-2.3
1,2-Dichlorobenzene-d4	152	0.8609166	0.857	0.5	0.861	0.857	0.5

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) **SDG** Y4FQ2 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 65386 **SOW** SOM01.2

Continuing Calibration Data Summary

VOA Low Med 9Z **Continuing Calibration Verification** **InstrumentID**=V5 **Column**=DB-624 **HeatedPurge**=Yes

		RRF-050 VSTD0505L V5K2052.D 10/21/2008 13:28:00					
		Lab			NFG Calculated		
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Hexane	57	0.829798	0.757	9.6	0.830	0.757	9.6
Isopropanol	45	0.0179338	0.030	-39.5	0.018	0.030	-39.5

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

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Continuing Calibration Data Summary

VOA Low Med 9Z Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505M V5K2075.D 10/22/2008 01:04:00					
		Lab			NFG Calculated		
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Hexane	57	0.7166291	0.757	-5.3	0.717	0.757	-5.3
Isopropanol	45	0.0171538	0.030	-42.2	0.017	0.030	-42.2

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

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Continuing Calibration Data Summary

VOA Low Med 9Z **Continuing Calibration Verification** **InstrumentID**=V5 **Column**=DB-624 **HeatedPurge**=Yes

		RRF-050 VSTD0505S V5K2131.D 10/22/2008 22:07:00					
		Lab			NFG Calculated		
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Hexane	57	0.6608212	0.757	-12.7	0.661	0.757	-12.7
Isopropanol	45	0.0213929	0.030	-27.9	0.021	0.030	-27.9

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) **SDG** Y4FQ2 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 65386 **SOW** SOM01.2

Continuing Calibration Data Summary

VOA Low Med 9Z Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD0505T V5K2155.D 10/23/2008 09:23:00					
		Lab			NFG Calculated		
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Hexane	57	0.7773597	0.757	2.7	0.777	0.757	2.7
Isopropanol	45	0.021527	0.030	-27.4	0.022	0.030	-27.4

National Functional Guidelines Report # 17

14:43 Tue, Oct 28, 2008

Lab MITKEM (Mitkem Corporation) **SDG** Y4FQ2 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 65386 **SOW** SOM01.2

Continuing Calibration Data Summary

VOA Low Med 9Z Continuing Calibration Verification InstrumentID=V5 Column=DB-624 HeatedPurge=Yes

		RRF-050 VSTD050K5 V5K2027.D 10/21/2008 01:45:00					
		Lab			NFG Calculated		
Compound	Peak ID	RRF	Avg RRF	% D	RRF	Avg RRF	%D
Hexane	57	0.7243772	0.757	-4.3	0.724	0.757	-4.3
Isopropanol	45	0.0296162	0.030	-0.2	0.030	0.030	-0.2